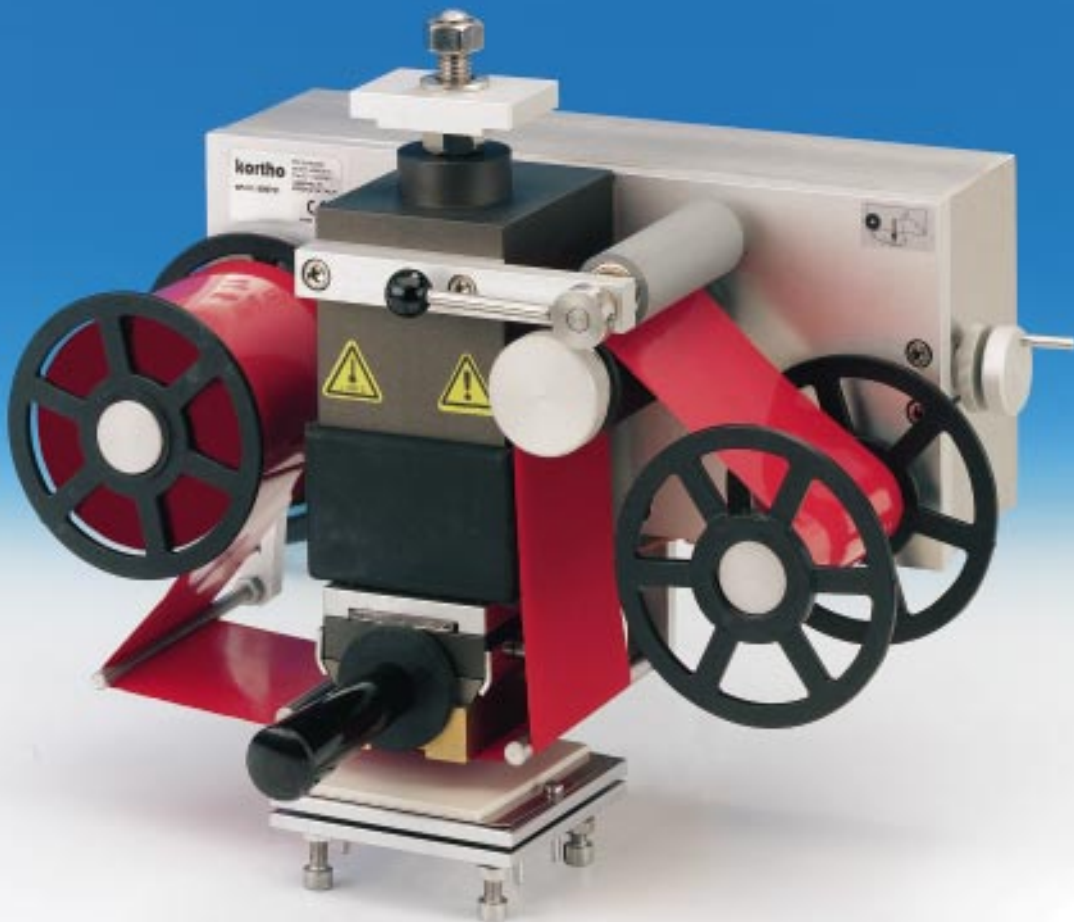


HOTPRINTER

Hotprint is the reliable system which enables you to print variable data directly on packaging film during the production process. The high-quality print, which adheres immediately, is always extremely sharp, scratch-resistant and colour-proof. Kortho Hotprinters are characterised by their quality, their economic use of foil, their low maintenance costs and their flexibility as regards text. In addition to a large number of standard models available from stock, Korthofah is sufficiently flexible to be able to provide tailor-made models, taking customers' requirements into account, thanks to our own production facilities.

- The cost-cutting machine for printing variable data.
- Ideal for combining date, price, texts, bar codes and logos.
- Flexible printhead for combinations of magnesium stamping dies, datewheels, separate digits/letters and text blocks.
- Economical use of foil thanks to optimal adjustable foil feed.
- Industrial design: reliable under many operating conditions.
- Requires minimum maintenance and is user-friendly.
- Small in size, easily built in.
- Printing area 50 x 80 mm.
- Capacity: up to 300 codings per minute.



M-80

M-80

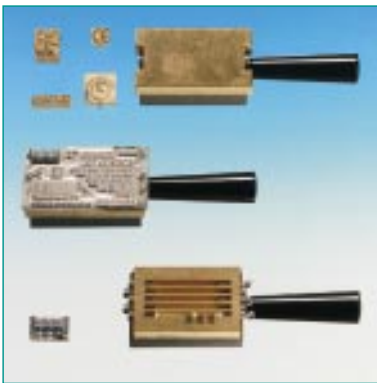
kortho

HOTPRINTER M-80

The Kortho M-80 Hotprinter is the way to economy and quality in coding and printing on packaging and products. Korthofah's Hotprinters produce high-quality, scratch-resistant printing during the production process itself on various types of material, such as many kinds of foil – but also on paper, cardboard, plastics, rubber, leather and many others.

The Kortho M-80 Hotprinter can be built onto intermittent or continuous packaging machines, label dispensers, clip closure machines and many other applications. The M-80 Hotprinter is compact, is of robust construction and comes up to the latest quality standards. The Hotprinter is powered by the Kortho Hotprinter control box.

Standardisation of packaging materials and foil makes for considerable economies in stock management, reversing times and left-over rolls. The direct imprinting



of variable data on packaging foil also does away with labels. However, should labels still be required, savings are possible thanks to standardisation of the labels. In such a case the Hotprinter prints the variable elements of the label on a label dispenser.



The Kortho M-80 Hotprinter is extremely suitable for printing variable texts such as date, price, ingredients, type, product name, bar code, logo, recycle logo and EC symbol etc. Korthofah can also supply various accessories that provide flexibility in the way the easily changed text heads are arranged. Many stamp combinations are possible using accessories such as, for instance, characters, text blocks, adjustable date-wheels, numerators and magnesium stamping dies.

Korthofah also has its own design department and engraving shop. Simple stamping dies can be produced according to the customer's wishes and extensive combination printheads can be made according to specification.

The imprint on the packaging is made using Hotfoil. The heated printhead presses the Hotfoil briefly onto the packaging material. The pigment carried by the Hotprint foil is transferred to the packaging where it adheres instantly. Hotfoil is available in a variety of colours and types and can be cut by Korthofah to the required width and length.



TECHNICAL SPECIFICATIONS

Maximum printing area (mm)

50 x 80

Maximum coding speed (prints/min)

300

Stamping pressure at 6 bar (N)

1.700

Maximum hotprint foil length (metres)

305

Stamping temperature (°C)

80 - 240

Signal for end of hotfoil

standard

Power supply

230 VAC ± 10% 50 – 60 Hz

Optional 115 VAC ± 10% 50 – 60 Hz

Mains current (Watts)

1 x 250

Operating pressure (bar)

5 - 8

Air consumption (litres)

0,62 at 6 bar

Noise level (dB)

74

Main dimensions (mm) with maximum foil feed, including counter-pressure plate

L 385, W 220, H 200

Total weight including counter-pressure plate

8,5

Control system

Microprocessor controlled control unit

Hotprintfoil standard

Non-toxic

Industrial standards

CE

In the light of continuous development and improvement Korthofah reserves the right to modify the specifications of the models without giving prior notice.

M-80